

In the Claims

1. (currently amended): A platelet-shaped pigment comprising a layer obtained by calcining $\text{TiO}_2/\text{SiO}_y$, wherein $0.03 \leq y \leq 1.95$, ~~especially $0.03 \leq y \leq 1.8$, more especially $0.70 \leq y \leq 1.8$,~~ or $\text{TiO}_2/\text{metal}$, ~~especially Ti, Zr, Cr, or Zn, more especially Al~~ in a non-oxidising atmosphere.

2. (currently amended): A pigment according to claim 1, comprising

- (a) a substrate layer of SiO_z , wherein $0.03 \leq z \leq 2.0$, ~~especially $0.10 \leq z \leq 2.0$, more especially $0.70 \leq z \leq 2.0$,~~
- (b) an intermediate layer obtained by calcining $\text{TiO}_2/\text{SiO}_y$, wherein $0.03 \leq y \leq 1.8$, in a non-oxidising atmosphere, and
- (c) a TiO_2 layer.

3. (original): A pigment according to claim 1, comprising

- (a) a substrate layer of Al,
- (b) an intermediate layer obtained by calcining TiO_2/Al in a non-oxidising atmosphere, and
- (c) a TiO_2 layer.

4. (currently amended): A pigment according to claim 1, comprising

- (a) a multi-layered platelet-shaped substrate layer having a core of SiO_{x1} that has a SiO_{x2} layer, or a SiO_{y1} layer on the lower and upper surfaces, but not on the side faces, a multi-layered platelet-shaped substrate layer having a core of SiO_{x2} that has a SiO_{x1} layer, or SiO_{y1} layer on the lower and upper surfaces, but not on the side faces, a multi-layered platelet-shaped substrate layer having a core of SiO_{y1} that has a SiO_{x1} layer, or SiO_{x2} layer on the lower and upper surfaces, but not on the side faces, or a multi-layered platelet-shaped substrate layer having a core of a metal, ~~especially Al~~, that has a SiO_{x1} layer, a SiO_{x2} layer, or a SiO_{y1} layer on the lower and upper surfaces, but not on the side faces,
- (b) an intermediate layer obtained by calcining $\text{TiO}_2/\text{SiO}_{x1}$, $\text{TiO}_2/\text{SiO}_{x2}$, or $\text{TiO}_2/\text{SiO}_{y1}$ in a non-oxidising atmosphere and
- (c) a TiO_2 layer,
wherein $0.03 \leq x1 < 0.70$, ~~especially $0.05 \leq x1 \leq 0.50$, very especially $0.10 \leq x1 \leq 0.30$,~~
 $0.70 \leq x2 \leq 0.99$, and $1.00 \leq y1 \leq 1.95$, ~~especially $1.0 \leq y1 \leq 1.8$, very especially $1.1 \leq y1 \leq 1.8$.~~

5. **(currently amended)**: A pigment according to claim 2, wherein the substrate layer has a thickness of from 20 to 1000 nm, ~~preferably from 50 to 500 nm.~~

6. **(currently amended)**: A pigment according to either claim 2 ~~or 5~~, wherein the intermediate layer has a thickness of from 1 to 500 nm, ~~preferably from 10 to 50 nm.~~

7. **(currently amended)**: A pigment according to ~~any one of claim [[s]] 2, 5 and 6~~, wherein the TiO₂ layer has a thickness of from 1 to 200 nm, ~~especially 10 to 100 nm, more especially from 20 to 50 nm.~~

8. **(currently amended)**: A process for the production of a pigment according to claim 1, wherein

- (a) TiO₂-coated SiO_y platelets, wherein $0.03 \leq y \leq 1.95$, ~~especially $0.03 \leq y \leq 1.8$, more especially $0.70 \leq y \leq 1.8$~~ , or TiO₂-coated metal platelets, ~~especially Al platelets~~ are calcined in a non-oxidising gas atmosphere at a temperature of more than 600°C and
- (b) the TiO₂-coated SiO_y platelets are optionally treated at a temperature of more than 200°C, ~~preferably more than 400°C and especially from 500 to 1000°C~~, with air or another oxygen-containing gas.

9. **(currently amended)**: A pigment ~~obtainable~~ obtained by the process according to claim 8.

10. **(cancelled)**.

11. **(currently amended)**: A cosmetic preparation, colorant, coating, printing ink, ink for security printing, plastic, textile, or glaze for ceramics and glass, comprising a pigment according to ~~any one of claim[[s]] 1, to 7, or 9~~

12. **(new)**: A platelet-shaped pigment according to claim 1, wherein $0.70 \leq y \leq 1.8$, and the metal in TiO₂/metal is selected from the group consisting of Ti, Zr, Cr, Zn, and Al.

13. **(new)**: A pigment according to claim 2, wherein $0.10 \leq z \leq 20$.

14. **(new)**: A pigment according to claim 2, wherein $0.70 \leq z \leq 20$.

15. (new): A pigment according to claim 4, wherein the metal in the multi-layered platelet-shaped substrate layer having a core of a metal of component is Al.

16. (new): A pigment according to claim 4, wherein $0.05 \leq x_1 \leq 0.50$, $0.70 \leq x_2 \leq 0.99$, and $1.1 \leq y_1 \leq 1.8$.

17. (new): A pigment according to claim 2, wherein the intermediate layer has a thickness of from 10 to 50 nm.

18. (new): A pigment according to claim 2, wherein the TiO_2 layer has a thickness of from 10 to 100 nm.

19. (new): A pigment according to claim 2, wherein the TiO_2 layer has a thickness of from 20 to 50 nm.

20. (new): A process according to claim 8, wherein the metal of the TiO_2 -coated metal platelets of component (a) is Al and in step (b)) the TiO_2 -coated SiO_y platelets are treated at a temperature of more than 400°C , with air or another oxygen-containing gas.

21. (new): A process according to claim 8, wherein $0.70 \leq y \leq 1.8$.